



NATIONAL INSTITUTE OF ELECTRONICS
Ministry of Science & Technology
Government of Pakistan
17, H-9, Islamabad



Tel: 051-9265009-13 (Ext:217)

Fax: 051-9265027

TENDER NO. 04/2018-NIE

MECHANICAL FRAME KIT FOR CNC MACHINE – ACE LAB

S #	Names of Items	Qty	Unit Price	Total Price
Mechanical Development Kit for CNC Machine with following standard accessories and specifications:				
1	(i). X-axis mechanical structure fabrication (ii). X-axis Servo Motor Coupling Assembly (iii). CNC bed Assembly Make: Local Specifications: - Size of X-axis is 110 inches and bed have air pressure facility to hold the job.	01 No.		
2	(i). Y-axis mechanical structure fabrication (ii). Y-axis Servo Motor Coupling Assembly Make: Local Specifications: - Size of Y-axis is 57 inches	01 No.		
3	(i). Z-axis mechanical structure fabrication (ii). Z-axis Servo Motor Coupling Assembly and spindle motor coupling assembly Make: Local Specifications: - Size of Z-axis is 9 inches from culet.	01No.		

NOTE:

1. The Vender/Supplier will fabricate mechanical frame kit for CNC machine that include mechanical structure and CNC machine foundation and assemble all above assemblies in professional way according to provided specifications. This Institute will provide motors with drives, electronic control card, Screws and Linear motion

guides. The Vender/Supplier will arrange all other material that will be required to develop mechanical structure for CNC machine.

2. Professional limit switches (big size) and dog switches for all axis
3. Develop/arrange separate control panel/cabinet for motor drives and for control board
4. Z-axis assembly (linear guide and screw) will be arranged by Supplier according to specification
5. Structure of Machine should be fully covered with Sheet
6. Circuit breaker and Electric assembly for power control will be arranged by supplier/vender
7. CNC machine Bed have facility to control job with air pump and have separate control switches
8. Electrical connections of all motors supported with guiding rails assembly
9. The Vender/Supplier will also arrange two week training on CNC machine
10. The head shall be movable and bed stationary.



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TERM & CONDITIONS:

1. Price to be quoted in Pak Rupees on (FOR) free home delivery basis.
2. As the equipment/ items to be procured are based on high tech technology therefore for competitive bidding single stage-two envelopes bidding procedure shall be adopted.
 - (i). the bid shall be comprised a single package containing two separate envelopes, containing separately **“TECHNICAL PROPOSAL”** and **“FINANCIAL PROPOSAL”**.
 - (ii). the envelope shall be marked as **“TECHNICAL PROPOSAL”** and **“FINANCIAL PROPOSAL”** in the bold and legible letters to avoid any confusion.
 - (iii). initially the envelope marked with **“TECHNICAL PROPOSAL”** shall be opened.
 - (iv). the envelope marked with **“FINANCIAL PROPOSAL”** shall be retained in the custody of NIE without being opened.
 - (v). upon evaluation of technical proposals, NIE shall publically open the financial proposal of the technically accepted bids only. The financial proposal of the bids found technically rejected shall be returned un-opened to the respective firms.
3. The bids of the firm operating from their residential address and P.O. Box number will not be considered.
4. Tender number must be specified on the left corner of the bidding envelope.
5. The rates should be valid for at least **“90”** days from the date of tender opening.
6. The offered equipment/ items must be brand new of the original manufacturer and covered under normal warranty/guarantee with necessary back-up support.
7. The bid must be supported with necessary catalogue/ brochure indicating make, model detailed specification and country of origin of the offered equipment.
8. The scope of supplies includes supply of equipment, installation, testing and commissioning of equipment and if necessary training to NIE Personnel's.

9. The financial bid should reflect at sight the following costs separately for fair comparison purpose.
 - i. Unit Price of equipment.
 - ii. GST, if applicable.
10. Conditional/ ambiguous bids will not be entertained.
11. Earnest money @ 2% of quoted prices (Refundable) must be accompanied with tender in shape of a crossed bank draft/ pay order in favour of the Director General NIE.
12. E/M of the successful bidder will be refunded upon submission of prescribe performance/ bank guarantee to NIE and the same shall be released after satisfactory completion of warranty/ guarantee period of the supplied goods.
13. The successful bidder shall provide 5% performance/ bank Guarantee of the total order value of the order to NIE for satisfactory execution of the supply order.
14. The bid found to be lowest evaluated bid shall be accepted only either overall whole tender/items base or each item wise.
15. The estimated delivery/ completion period of supplies/ work must be specified in the quotation.
16. In case of any delay in supplies of ordered items, the successful bidder shall bound to inform NIE to prior to "15" days of the ending of last date of delivery, so that necessary approval regarding extension in delivery period may be obtained from Director General NIE otherwise at the time of payment to firm a penalty @ 2% per month of the total order value will be charged from the successful bidder without any notice.
17. Tender of all items may be awarded either to a single party or can be divided among different parties depending upon their professional capabilities and competitiveness in prices individually.
- 18. No advance payment will be made.**
19. NTN and GST number must be mentioned on the quotation along with providing copy of its documentary evidence, failing which bid will not be considered.
20. Payment will be made on submission of the prescribed bill in duplicate through crossed cheque after satisfactory completion of supply order and our acceptance thereof, which includes installation, testing, commissioning of the equipment and training etc. The bill presented on the letterhead of the firm will not be accepted for payment purpose.
21. As per Government Policy payment to the firm is subject to the registration of firm name in **Active Tax Payer List of FBR**, otherwise payment will be stopped till the appearance of vendor name in ATL of FBR.
22. Income Tax/ Sales Tax etc. will be deducted from bill as per Govt. Rules.

23. Last date for receipt of the tender in the Procurement Section of NIE is **March 08, 2018 up to 11:00 hours**. Technical proposals of the received firms shall be opened on the same day at **11:30 hours** in the presence of those who wish to be present. Tenders received late will not be considered in any case.
24. The Director General NIE reserves the right to accept or reject any or all tenders in part or whole, or change the quantity of tendered items as per provision of PPRA Rules.

Inam Ullah Khan
Dy. Director Procurement
NIE, Islamabad
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